



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Heng Liu  
Title: Chemical Vapor Deposition Reactor  
Application No.: 10/727,746 Filing Date: December 3, 2003  
Examiner: Unknown Group Art Unit: 1765  
Docket No.: M-15626-1D US Confirmation No. 8880

Irvine, California  
February 10, 2005

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.56**

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to be an admission that the documents cited herein are necessarily prior art with respect to the instant invention, a representation that a search has been made, or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56.


***Enclosed with this statement are the following:***

- ☒ Form PTO/SB/08A and/or PTO/SB/08B. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ☒ A copy of each cited non-U.S. document as required by 37 C.F.R. §1.98 (*except where otherwise indicated for a specific citation*).  
*This statement should be considered because* this statement qualifies under 37 C.F.R. §1.97, subsection (b) because it is being filed within 3 months of the application filing date and/or before the mailing date of a first Office action.

***Fee Authorization.*** Although it is believed that no fee is due, the Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-2257.

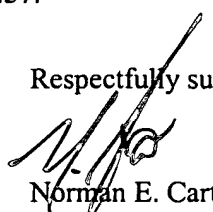
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Respectfully submitted,

  
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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

## Complete if Known

Application Number	10/727,746
Filing Date	December 3, 2003
First Named Inventor	Heng Liu
Art Unit	1765
Examiner Name	Not Yet Assigned
Attorney Docket Number	M-15626-1D US

Sheet	1	of	1
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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		H. JÜRGENSEN et al, "MOCVD Equipment for Recent Developments Towards the Blue and Green Solid State Laser", MRS Internet Journal of Nitride Semiconductor Research, vol. 1, Article 26, published 1996.	
		THOMAS SWAN, "CVD Reactor", Source Unknown, Date of publication predates date of application filing.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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